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S&H Form: (2/01)
DOCKET NO. 1454.1615

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Eduard JORSWIECK et al.

Serial No: 10/535,209

Group Art Unit: 2143

Confirmation No. 9399

Filed: December 14, 2005

Examiner: Unassigned

For: MIMO SIGNAL PROCESSING METHOD INVOLVING A RANK-ADAPTIVE MATCHING
OF THE TRANSMISSION RATE

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the city of residence for the second applicant and the name of the first applicant on the Official Filing Receipt be corrected. Assuming that umlauts cannot be printed on the Official Filing Receipt, the place of residence for Eduard Jorswieck should be **Schoeneiche**, GERMANY. The correct name of the first applicant is **Thomas Haustein**, as is evidenced by the copy of the executed Declaration, attached to the application as filed. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been noted in red.

It is requested that a corrected Official Filing Receipt be issued in this application.

Respectfully submitted,

STAAS & HALSEY LLP

Date: May 19, 2006

By: M.J.H.
Mark J. Henry
Registration No. 36,162

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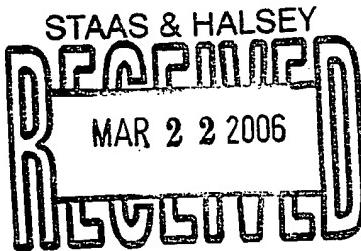
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/535,209	12/14/2005	2143	1030	1454.1615	6	17	1

CONFIRMATION NO. 9399

21171
STAAS & HALSEY LLP
SUITE 700
1201 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005



FILING RECEIPT



OC000000018213033

Date Mailed: 03/13/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Eduard Jorswieck, Berlin, GERMANY; -- Thomas Haustein --
Eduard Jorswieck, Schoneiche, GERMANY; -- Schoeneiche --
Volker Jungnickel, Berlin, GERMANY;
Clemens von Helmolt, Berlin, GERMANY;

Power of Attorney: The patent practitioners associated with Customer Number 21171.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/DE03/03713 11/10/2003

Foreign Applications

GERMANY 102 54 384.4 11/17/2002

Projected Publication Date: 06/15/2006

Non-Publication Request: No

Early Publication Request: No

Title

Mimo signal processing method involving a rank-adaptive matching of the transmission rate

Preliminary Class

709

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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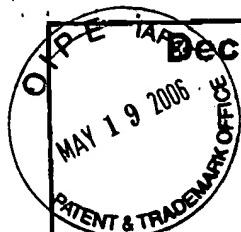
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Declaration and Power of Attorney For Patent Application

Erklärung Für Patentanmeldungen Mit Vollmacht

German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit
an Eides Statt:

dass mein Wohnsitz, meine Postanschrift, und meine Staatsangehörigkeit den im Nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, dass ich, nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit dem Titel beantragt wird:

MIMO-Signalverarbeitungsverfahren mit einer rangadaptiven Anpassung der Datenübertragungsrate

deren Beschreibung hier beigefügt ist, es sei denn (In diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

- wurde angemeldet am 10.11.2003 unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des PCT-Vertrags PCT/DE03/03713 und am _____ abgeändert (falls zutreffend).

Ich bestätige hiermit, dass ich den Inhalt der obigen Patentanmeldung einschließlich der Ansprüche, die eventuell durch einen Zusatzantrag wie oben erwähnt abgeändert wurde, durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, United States Code, § US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which is attached hereto unless the following box is checked:

- was filed on 10.11.2003
as United States Application Number or PCT International Application Number
PCT/DE03/03713 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority under Title 35, 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(e) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

German Language Declaration

Prior foreign applications
Priorität beansprucht

			<u>Priority Claimed</u>	
<u>10254384.4</u> (Number) (Nummer)	<u>DE</u> (Country) (Land)	<u>17.11.2002</u> (Day Month Year Filed) (Tag Monat Jahr eingereicht)	<input checked="" type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
(Number) (Nummer)	(Country) (Land)	(Day Month Year Filed) (Tag Monat Jahr eingereicht)	<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
(Number) (Nummer)	(Country) (Land)	(Day Month Year Filed) (Tag Monat Jahr eingereicht)	<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
(Number) (Nummer)	(Country) (Land)	(Day Month Year Filed) (Tag Monat Jahr eingereicht)	<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein

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PCT/DE03/03713
(Application Serial No.)
(Anmeldeseriennummer)

10.11.2003
(Filing Date D, M, Y)
(Anmeldedatum T, M, J)

anhängig
(Status)
(patentiert, anhängig,
aufgegeben)

pending
(Status)
(patented, pending,
abandoned)

(Application Serial No.)
(Anmeldeseriennummer)

(Filing Date D,M,Y)
(Anmeldedatum T, M, J)

(Status)
(patentiert, anhängig,
aufgegeben)

(Status)
(patented, pending,
abandoned)

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German Language Declaration

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Customer No. 21171

And I hereby appoint

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Ext. _____

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Staas & Halsey LLP Intellectual Property Attorneys
1201 New York Avenue, NW, Suite 700 20005 Washington UNITED STATES OF AMERICA
Telephone: (001) 202 434 1500 and Facsimile (001) 202 434 1501
or
Customer No. 21171

Voller Name des einzigen oder ursprünglichen Erfinders:	Full name of sole or first inventor:	
Thomas Haustein	Thomas Haustein	
Unterschrift des Erfinders	Datum	Inventor's signature
<i>Thomas Haustein</i>	11.6.2005	Date
Wohnsitz	Residence	
Berlin, GERMANY	Berlin, GERMANY	
Staatsangehörigkeit	Citizenship	
DE	DE	
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Brehmestr. 59	Brehmestr. 59	
13187 Berlin GERMANY	13187 Berlin GERMANY	
Voller Name des zweiten Miterfinders (falls zutreffend):	Full name of second joint inventor, if any:	
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Unterschrift des Erfinders	Datum	Inventor's signature
		Date
Wohnsitz	Residence	
Schöneiche,	Schöneiche,	
Staatsangehörigkeit	Citizenship	
DE	DE	
Postanschrift	Post Office Address	
Wollgrasweg 9	Wollgrasweg 9	
15566 Schöneiche	15566 Schöneiche	

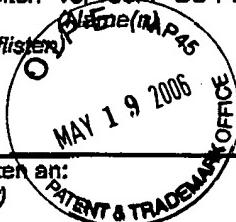
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(Supply similar information and signature for third and subsequent joint inventors).

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registration number)*



Customer No. 21171

And I hereby appoint

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1201 New York Avenue, NW, Suite 700 20005 Washington UNITED STATES OF AMERICA
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Customer No. 21171

Voller Name des einzigen oder ursprünglichen Erfinders: Thomas Haustein	Full name of sole or first inventor: Thomas Haustein
Unterschrift des Erfinders <i>Thomas Haustein</i>	Datum <i>15.05.2005</i>
Wohnsitz Berlin, GERMANY	Residence Berlin, GERMANY
Staatsangehörigkeit DE	Citizenship DE
Postanschrift Brehmestr. 59	Post Office Address Brehmestr. 59
13187 Berlin	13187 Berlin
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Voller Name des zweiten Miterfinders (falls zutreffend): Eduard Jorswieck	Full name of second joint inventor, if any: Eduard Jorswieck
Unterschrift des Erfinders <i>Eduard Jorswieck</i>	Datum <i>15.05.2005</i>
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Staatsangehörigkeit DE	Citizenship DE
Postanschrift Wollgrasweg 9	Post Office Address Wollgrasweg 9
15566 Schöneiche	15566 Schöneiche

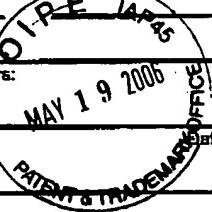
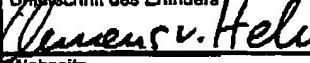
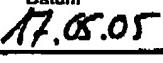
(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

Voller Name des dritten Miterfinders:	Full name of third joint inventor:		
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Unterschrift des Erfinders	Datum	Inventor's signature	Date
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10318 Berlin	10318 Berlin		
GERMANY	GERMANY		
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Staatsangehörigkeit	Citizenship		
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GERMANY	GERMANY		
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Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		
Voller Name des sechsten Miterfinders:	Full name of sixth joint inventor:		
Unterschrift des Erfinders	Datum	Inventor's signature	Date
Wohnsitz	Residence		
Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

Voller Name des dritten Miterfinders: Dr. Volker Jungnickel	Full name of third joint inventor: Dr. Volker Jungnickel
Unterschrift des Erfinders 	Inventor's signature 
Datum 	Date
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Staatsangehörigkeit	Citizenship
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Voller Name des vierten Miterfinders: Dr. Clemens von Helmolt	Full name of fourth joint inventor: Dr. Clemens von Helmolt
Unterschrift des Erfinders 	Inventor's signature 
Datum 	Date
Wohnsitz Berlin, GERMANY	Residence Berlin, GERMANY
Staatsangehörigkeit DE	Citizenship DE
Postanschrift Baseler Strasse 32 12205 Berlin GERMANY	Post Office Address Baseler Strasse 32 12205 Berlin GERMANY
Voller Name des fünften Miterfinders:	Full name of fifth joint inventor:
Unterschrift des Erfinders	Inventor's signature
Datum	Date
Wohnsitz	Residence
,	,
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address
Voller Name des sechsten Miterfinders:	Full name of sixth joint inventor:
Unterschrift des Erfinders	Inventor's signature
Datum	Date
Wohnsitz	Residence
,	,
Staatsangehörigkeit	Citizenship
Postanschrift	Post Office Address

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(Supply similar information and signature for third and subsequent joint inventors).